

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

Released: August 1, 2005
For Week Ending: July 31, 2005
ND-CW3105

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
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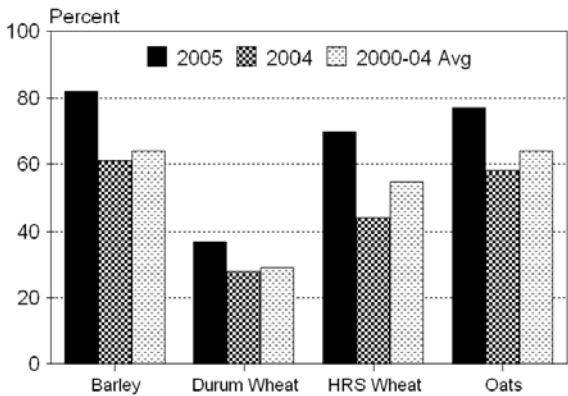
General: A week of mostly dry conditions and near normal temperatures advanced crop development, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Below normal temperatures with showers and thunderstorms scattered over the central and eastern areas started out the week. The heat and humidity returned for the weekend, helping to advance crop development. Scab has shown up in wheat and barley fields across much of the state, but varies in severity by variety and planting date. Small grain harvest has started and is expected to be in full swing next week. On average, there were 6.3 days suitable for fieldwork statewide. Topsoil and subsoil moisture supplies declined slightly during the week. Topsoil moisture supplies were rated 1 percent very short, 17 short, 77 adequate and 5 surplus compared with the five-year (2000-2004) average of 10 percent very short, 24 short, 60 adequate and 6 surplus.

Crops: The small grain harvest was just beginning last week, near the average pace. As of July 31, hard red spring wheat was 2 percent harvested, compared with 3 percent on average, while 70 percent of the crop was turning and beyond compared with 55 percent on average. Durum wheat was 1 percent harvested compared with 1 percent on average, while 37 percent was turning, ahead of last year and average. Barley and oats were 6 and 8 percent harvested, respectively, both slightly ahead of average. Turning and beyond for barley and oats were 82 and 77 percent compared with the average of 64 percent for both. Hard red spring wheat condition deteriorated slightly during the week due in part to disease pressure while durum wheat, barley and oats all improved slightly. Hard red spring wheat condition was rated 72 percent good to excellent, down from 73 percent the previous week but up from 70 percent last year. Durum wheat was rated 88 percent good to excellent, up from 86 percent the previous week and 56 percent last year.

Development of all other crops also made excellent progress as favorable conditions dominated the week. Corn silking was 84 percent, well ahead of last year and average. Sixty-five percent of the soybeans were podding and beyond compared with 58 percent on average while 56 percent of the dry edible beans were podding, ahead of the average of 46 percent. Dry edible peas were 78 percent mature with 6 percent harvested. Potato, sugarbeet and sunflower conditions improved, while canola, corn, dry edible beans and soybeans remained relatively unchanged from the previous week.

Livestock: Haying made good progress due to the mostly dry conditions. The first cutting of alfalfa was 98 percent complete, while other hay baling was 81 percent complete. The hay crop condition was rated 1 percent very poor, 3 poor, 21 fair, 60 good and 15 excellent compared with last year's rating of 21 percent very poor, 13 poor, 30 fair, 31 good and 4 excellent. Range and pasture conditions were stable with 73 percent rated good to excellent compared with 72 percent last week. Stockwater supplies were rated 6 percent short, 88 adequate and 6 surplus.

Small Grains: Turning and Beyond
North Dakota, July 31, 2005



Crop Development Progress ^{1/}
July 31, 2005 with Comparisons

Crop	Week Ending			2000-2004 Avg.
	July 31, 2005	July 24, 2005	July 31, 2004	
(Percent)				
BARLEY				
Milk	97	84	91	92
Turning	82	53	61	64
Harvested	6	NA	2	5
DURUM WHEAT				
Headed	97	81	87	93
Milk	78	52	65	68
Turning	37	18	28	29
Harvested	1	NA	1	1
HRS WHEAT				
Milk	95	80	83	87
Turning	70	45	44	55
Harvested	2	NA	1	3
OATS				
Milk	96	82	89	90
Turning	77	48	58	64
Harvested	8	3	3	5
CANOLA				
Turning	56	32	37	53
Swathed	8	NA	3	11
CORN				
Silking	84	43	42	73
Dough	7	2	0	8
Dented	0	NA	0	0
DRY EDIBLE BEANS				
Blooming	85	66	68	87
Podding	56	28	15	46
Fully Podded	2	NA	0	4
DRY EDIBLE PEAS				
Mature	78	45	NA	NA
Harvested	6	0	NA	NA
FLAXSEED				
Turning	44	15	22	25
POTATOES				
Blooming	92	91	93	96
Rows Filled	68	57	68	84
Vines Killed	0	NA	0	0
SOYBEANS				
Blooming	95	80	81	92
Podding	65	33	32	58
Fully Podded	7	NA	0	10
SUNFLOWER				
Blooming	37	10	7	21

^{1/} Crop development percents represent all acreage in or beyond each stage.
NA = Not Available

Crop and Pasture Condition
Week Ending July 31, 2005

Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	0	2	19	66	13
Durum Wheat	0	2	10	66	22
HRS Wheat	1	6	21	59	13
Oats	0	2	10	72	16
Canola	1	3	16	69	11
Corn	1	6	22	51	20
Dry Edible Beans	3	12	25	50	10
Dry Edible Peas	0	1	15	72	12
Flaxseed	1	2	14	71	12
Potatoes	2	13	22	50	13
Soybeans	2	5	23	52	18
Sugarbeets	1	9	28	46	16
Sunflower	1	2	15	65	17
Hay	1	3	21	60	15
Pasture and Range	0	5	22	64	9

~ Compiled and Published by ~

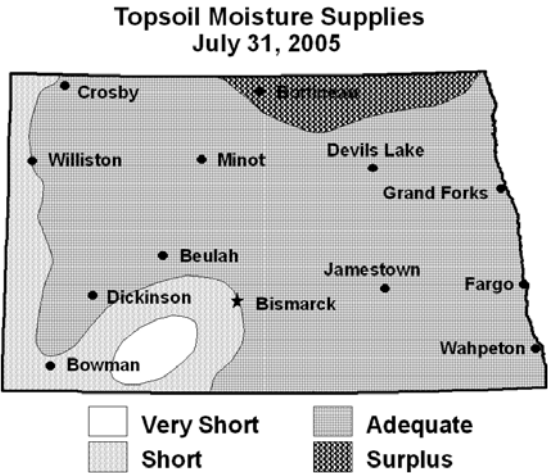
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Soil Moisture: North Dakota				
Date	Week Ending			2000-2004 Avg.
	July 31, 2005	July 24, 2005	July 31, 2004	
(Percent)				
TOPSOIL				
Very Short	1	0	17	10
Short	17	10	25	24
Adequate	77	79	55	60
Surplus	5	11	3	6
SUBSOIL				
Very Short	2	1	18	10
Short	11	8	22	20
Adequate	79	78	56	62
Surplus	8	13	4	8



Weather: The week started out on a wet note with showers and thunderstorms scattered over the central and eastern areas of the state. Heavy rain fell across portions of the southeast prompting flash flood warnings and flood advisories. Temperatures were almost autumn-like in most areas on Monday with highs in the upper 60s and low 70s with lows in the 40s. A region of high pressure moved into the state on Tuesday bringing sunny skies and very comfortable conditions for the majority of the week. High temperatures ranged from the mid-70s to low 80s across the state through Thursday with hardly any precipitation. The heat and humidity returned for the weekend. Some areas in the extreme west touched 100 degrees on Saturday. Overall, July 2005 brought average temperatures across most areas. Rainfall was generally below average across the state with the exception of the south central and southwest which saw above average rainfall.

Outlook, August 1-7: Hot conditions will start out August 2005. The majority of the state will see sunny skies and temperatures around 90 degrees in the northeast to near 100 degrees in the southwest for the first half of the week. A potent cold front associated with an area of low pressure will transverse across the state beginning late on Tuesday. Showers and thunderstorms are a good possibility on Wednesday across the majority of the state. High pressure will move in for the latter half of the week, bringing dry conditions and cooler temperatures. Highs will be in the upper 70s east to mid-80s west for Thursday and Friday. Southwesterly return flow around the high pressure will warm temperatures slightly for the weekend and also bring a slight chance of thunderstorms. Highs should be in the 80s across the state under partly cloudy skies.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 31, 2005

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ^{1/}		
	Past Week	Depart Normal ^{2/}	Past Week	Total	Depart Normal ^{2/}
(Degrees F)					
Northwest (1)	70	0	0.18	10.87	1.83
N. Central (2)	69	0	0.06	15.28	5.55
Northeast (3)	67	-2	0.10	12.29	2.77
W. Central (4)	71	0	0.06	11.85	2.54
Central (5)	69	0	0.28	11.77	2.21
E. Central (6)	68	-2	0.45	12.58	2.01
Southwest (7)	72	1	0.41	10.79	1.68
S. Central (8)	71	0	0.54	12.73	3.20
Southeast (9)	69	-2	0.94	15.80	5.21

1/ Precipitation amounts may vary due to an inaccurate snowfall melt. 2/ Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 31, 2005

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 ^{1/}		
	High	Low	Past Week	Total	Depart Normal ^{2/}
(Degrees F)					
(1) Bowbells	90	44	0.30	10.20	0.78
Williston	98	46	0.20	8.68	1.05
Mohall	93	44	0.13	9.22	-0.09
Minot	97	48	0.08	15.38	5.59
(2) Baker	91	47	0.02	14.82	5.25
Bottineau	94	45	0.13	17.51	7.74
Rugby	92	46	0.04	13.51	3.66
(3) Cando	91	44	0.07	12.49	3.44
Cavalier	90	42	0.09	14.51	4.68
Forest River	91	46	0.10	11.67	2.10
Grand Forks	89	48	0.11	10.98	1.77
Langdon	91	45	0.14	12.09	2.18
St. Thomas	89	43	0.10	12.00	2.43
(4) Hazen	98	43	0.07	14.01	4.36
Turtle Lake	97	45	0.03	10.40	0.70
Watford City	96	48	0.08	11.14	2.57
(5) Carrington	92	43	0.10	10.10	-0.79
Harvey	95	44	0.07	12.83	4.95
Jamestown	91	50	0.83	15.03	5.11
Robinson	96	49	0.19	10.78	1.10
Streeter	93	46	0.23	10.11	0.70
(6) Dazey	89	48	0.26	13.71	3.13
Fargo	88	50	0.72	11.51	1.06
Hillsboro	89	48	0.37	12.51	1.83
(7) Beach	93	51	0.38	12.39	3.80
Bowman	97	47	0.61	8.86	-0.15
Dickinson	96	47	0.45	12.69	3.15
Hettinger	98	48	0.18	9.24	-0.06
(8) Mandan	94	50	0.49	12.79	2.99
Linton	94	49	0.59	12.66	3.40
(9) Edgeley	87	51	1.31	16.08	6.01
Oakes	89	50	0.56	16.18	5.91
Wyndmere	90	48	0.94	15.14	3.70

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